

Converting Colors

XYZ(36.6812, 33.4968, 15.3587)

Have a look what the booklet for
XYZ(36.6812, 33.4968, 15.3587)
contains.

XYZ(36.6674, 33.4693, 15.3541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.6674, 33.4693,
15.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	CB905F
RGB	203, 144, 95
RGB Percent	80%, 56%, 37%
CMY	0.2039, 0.4353, 0.6274
CMYK	0.00, 0.29, 0.53, 0.20
HSL	27°, 51%, 58%
HSV	27°, 53%, 80%
XYZ	36.6674, 33.4693, 15.3541
YIQ	156.0550, 50.8930, -2.7310

Conversions

Conversions Part 2

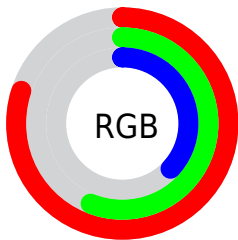
Format	Color
RYB	203, 185, 95
Decimal	13340767
CIELab	64.54, 16.83, 34.76
CIELCh	65, 38.622, 64.160
Yxy	33.4693, 0.4289, 0.3915
Android (android.graphics.Color)	4291530847 (0xFFCB905F)
YUV	156.0550, -30.1001, 41.1708
Hunter-Lab	57.8527, 11.8923, 24.7613

Details

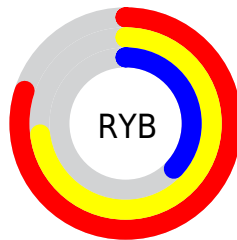
The XYZ color **36.6674, 33.4693, 15.3541** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **27.0537, 29.8544, 60.8362**, and the grayscale version is **31.7395, 33.3924, 36.3643**.

A 20% lighter version of the original color is **66.6224, 63.7235, 35.9826**, and **16.2815, 14.1449, 4.5614** is the 20% darker color. If you saturate the color by 10%, you get **34.2644, 29.9527, 10.5787**, and if you desaturate by 10%, it is **39.4774, 37.4154, 21.4520**.

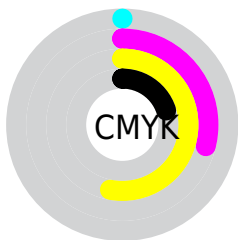
Distribution



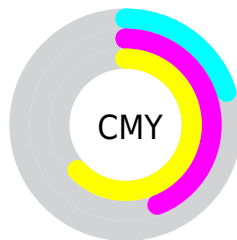
- Red (80%)
- Green (56%)
- Blue (37%)



- Red (80%)
- Yellow (73%)
- Blue (37%)



- Cyan (0%)
- Magenta (29%)
- Yellow (53%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6674, 33.4693, 15.3541 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.6674, 33.4693, 15.3541 by changing the saturation by 10% instead.

36.6674, 33.4693,
15.3541

36.6674, 33.4693,
15.3541

323.2489,
317.7591, 237.2138

25.1226, 22.4862,
8.9189

69.3781, 65.1075,
36.2242

16.2976, 14.2146,
4.5922

91.2747, 86.5315,
51.4963

9.8272, 8.2701,
1.9555

117.3526,
112.2044, 70.5510

5.3459, 4.2682,
0.5277

147.9771,
142.5109, 93.8069

2.4884, 1.8247,
0.0000

183.5137,
177.8352, 121.6826

0.8894, 0.5025,
0.0000

224.3276,

0.0000, 0.0000,

218.5617, 154.5966

0.0000

270.7842,
265.0749, 192.9675

■ 36.6674, 33.4693,
15.3541

■ 36.6674, 33.4693,
15.3541

■ 34.2644, 29.9527,
10.5787

■ 39.4774, 37.4154,
21.4520

■ 32.2422, 26.8435,
7.0216

■ 42.7137, 41.8019,
28.9616

■ 30.5747, 24.1246,
4.5661

■ 46.3968, 46.6453,
37.9668

■ 29.2301, 21.7750,
3.0709

■ 50.5453, 51.9599,
48.5440

■ 28.4652, 20.3700,
2.4315

■ 55.1765, 57.7590,
60.7647

■ 60.3068, 64.0555,
74.6956

■ 65.9517, 70.8616,
90.3999

■ 71.7371, 78.0337,
105.8888

■ 74.9705, 84.5005,
106.9666

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.4309, 33.4693, 21.8960



36.6674, 33.4693, 15.3541



31.0476, 33.4693, 13.7497

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.6674, 33.4693, 15.3541



22.3536, 33.4693, 38.6929



38.1535, 33.4693, 67.8393

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.6674, 33.4693, 15.3541



27.0537, 29.8544, 60.8362

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.5880, 33.4693, 75.9610



36.6674, 33.4693, 15.3541



23.8098, 33.4693, 56.3217

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.6674, 33.4693, 15.3541



23.1806, 33.4693, 24.7305



27.4046, 33.4693, 71.2322



42.3562, 33.4693, 51.3677

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.6674, 33.4693, 15.3541



27.6609, 33.4693, 15.1432



27.4046, 33.4693, 71.2322



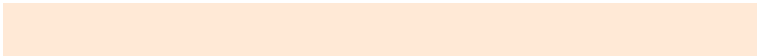
36.3580, 33.4693, 71.8231

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.6682, 33.4709, 15.3547



82.4609, 84.2408, 75.6663



34.5869, 23.2276, 33.4074



17.3366, 17.6303, 15.3937



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6682, 33.4709, 15.3547



56.7724, 49.2480, 16.5930



46.7967, 53.7280, 18.7309



11.6246, 12.0381, 11.7903



18.2038, 13.1406, 1.5769



1.0146, 0.8289, 0.1065

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.0537, 29.8544, 60.8362



38.9569, 42.5115, 100.7600



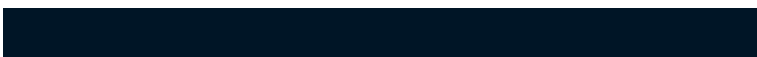
20.0947, 15.9363, 58.5165



11.1011, 11.8426, 14.2711



10.5620, 10.1479, 37.3583



0.6201, 0.6740, 1.9524

Previews

White Background



This preview shows how the XYZ color 36.6674, 33.4693, 15.3541 looks on a white background.

Color Contrast Check

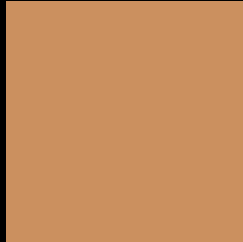
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.6674, 33.4693, 15.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

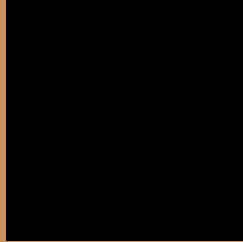
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6674, 33.4693, 15.3541

Background



This preview shows how black text looks on a background with the XYZ color 36.6674, 33.4693, 15.3541.



This preview shows how white text looks on a background with the XYZ color 36.6674, 33.4693,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.6674, 33.4693, 15.3541

Protanopia

31.1518, 33.6920, 16.9179

Deuteranopia

34.1619, 33.5680, 15.2684



Tritanopia

40.0231, 33.2948, 32.3341

Trichromacy



Original Color

36.6674, 33.4693, 15.3541

Protanomaly

32.9613, 33.4056, 16.2660

Deuteranomaly

35.1160, 33.5901, 15.2224

Tritanomaly

38.7941, 33.4630, 25.1832

Monochromacy



Original Color

36.6674, 33.4693, 15.3541

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.7649, 33.0619, 27.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6674, 33.4693, 15.3541 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 144, 95)` looks like.

```
.text, #text, p{  
    color:rgb(203, 144, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 144, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 95) }
```

Border

The CSS property to change the border of an element to XYZ 36.6674, 33.4693, 15.3541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 144, 95) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 144, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 144, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(203, 144,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6674, 33.4693, 15.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 144, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
144, 95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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